

CLAIMS

wherein the package has a heat-sealed peripheral part, and a part of the tab corresponding to the heat-sealed peripheral part is provided with a corrosion-resistant layer formed by a chemical conversion treatment.

3. The battery according to claim 1, wherein the corrosion-resistant layer of the tab is formed of a resin containing a phenolic resin and a metal of molybdenum, titanium or zirconium, or a metallic salt.

5. The battery according to claim 1, wherein the package further comprises a base layer, a bonding layer, and a first corrosion-resistant layer formed by a chemical conversion treatment.

7. The battery according to claim 1, wherein an adhesive film is wound around the tabs.

a tab body; and
a corrosion-resistant layer formed on a part of the tab

9. The tab according to claim 8, wherein the corrosion-resistant layer is formed by a phosphate chromate treatment.

11. The tab according to claim 8, wherein the corrosion-resistant layer of the tab is formed by a triazine thiol treatment.

preparing a metal sheet for forming a tab body;
slitting the metal sheet into the tab body;
degreasing an entire surface of the tab body;
applying a solution prepared by mixing a phosphate,
chromic acid, a fluoride and a triazine thiol compound to
the degreased surface of the tab body; and
drying the solution applied to the tab body to form a
corrosion-resistant layer.